#### Work Order ID 54926

Page 1

January 5, 2010 9:49:32 AM

Required Date: 18/01/2010

Item ID:

K642-512

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

saddle kit 642-512

**Start Date:** 05/01/2010

Start Qty: 2.00

Reg'd Qty: 2.00

**Cust Item ID:** 

**Customer:** 



Reference:

Approvals:

Date/0-/-05 Tooling:

Date:

Run Start

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

Operation Description Set Up/ **Run Hours** 

Draw Number Draw Plan Rev. Code Reject Qty

Accept

Qty

Number Stamp

Draw Nbr

**Revision Nbr** 

DSI 9467 IIN D206-642 Rev A Rev M

100

DC

DOCUMENT CONTROL

Memo

0.00

0.00

Document Control

Create White labels per PPP K642-512 CHG004

110

Packaging Packaging

Pick Kit

0.00

Memo

0.00

Dart Ae	rospace l	Ltd				-			
W/O:			WC	ORK ORDER CHANGE	S				<u> </u>
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Da	te Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspect
			,						
Part No	):	PAR #:	Fault Cate	gory:	NCR: Ye	s No	DQA:	_ Date: _	
	Re	solution:	Disposition	n:	QA: N/C	Closed	:	Date: _	4
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	R)			
DATE	CTED	Description of NC		Corrective Action Section	n B	v	erification	Approval	Approva
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sigr Dat	1 &	Section C	Chief Eng	QC Inspect

#### Work Order ID 54926

Page 2

January 5, 2010 9:49:32 AM

**Required Date: 18/01/2010** 

Item ID:

K642-512

Accept

Setup Start

Stop



Revision ID:

Item Name:

saddle kit 642-512

Start Date:

05/01/2010

QC:

Start Qty: 2.00

Reg'd Qty: 2.00



Date:

Cust Item ID:

**Customer:** 



Run Start



Reference:

Approvals:

Process Plan:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Stop

Sequence ID/

Work Center ID

120

Quality Control

Operation Description

QC4-100% Inspect kits for completeness

Set Up/ Run Hours

Draw Number

Draw Plan Rev. Code Accept Qty

Reject Qty Reject Insp. Number Stamp

0.00

<del>(2)</del>

130

Packaging

Packaging

0.00

Packaging

Memo

Memo

0.00

Identify and pack for shipping as per PPP K642-512 Location

Location

140

QC21- Final Inspection - Work Order Release

0.00

Quality Control

Memo

0.00

MF 10-3-4

10/03/05

Dart Aerospace I	_td
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W/O:		WO						
DATE	STEP			Ву	y Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		<b>⊕</b>	· · · · · · · · · · · · · · · · · · ·					
					:			
	<u> </u>			1		1		]
Part No	:	PAR #: Fault Categ	ory: NC	R: Yes	s No DQ	A:	Date: _	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section E	3	Verification	Approval Chief Eng	Approval QC Inspector		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C				
						:		T		
							:			

## **Picklist Print**

January 5, 2010 9:49:36 AM

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

**BOLT** 



Purchased

No

Start Date: 05/01/2010

Required Date: 18/01/2010

Start Qty: 2.00

Required Qty: 2.00

	omponent Item ID/ em Name	Replacement Item ID	Mfg/ Purch	Ba. Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remening Qty & Pick	Qty Issued	Date Issued	Status
Ā	N3C35A. 330		Purchased	No			110	Each	120.0000	6.0000			
. Ĭ													<b>U</b>

амасаба ТВ

Warehouse	Loc Qty	Loc Code
<b>Location</b>		
Main Warehouse		
ST	120	
106541	19	
111724	47	
112489	50	
18918	4	
	110 Each	153.0000 18.0000

Warehouse	Loc Qty	Loc Code	
Location			
OFFSHORE			
FG	4		
101261	4		
Main Warehouse			
ST	149		
111917	4		
111925	71		2/
112646	24		M1/2636
113164	50		1.1.00.000

Dart	Aeros	pace	Ltd
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W/O:		WORK ORDER CHANGES								
DATE	STEP PROCEDURE CHANGE		Ву	Date	ate Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto			
						:				
Part No	):	PAR #: Fault Category: N	NCR: Y	es No <b>D</b> C	QA:	Date: _				

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	Verification	Approval Chief Eng				
DATE	STEP	Section A	InitialAction DescriptionSign &Chief EngChief EngDate		Section C		Approval QC Inspector			
	,									
								ŀ		

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:



Start Date: 05/01/2010

Required Date: 18/01/2010

Start Qty: 2.00

Required Qty: 2.00

Date

Issued

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Bin Timary Item &ocation Purch -

No

No

Purchased

Purchased

Last Location

Route Seq ID

110

Unit of Measure

Each

Loc Qty

157

57

100

Each

Qty on Hand

Loc Code

161.0000 16.0000

Remaining Qty To Rik

Issued

Status

AN3C41A 850

Warehouse
Location
OFFSHORE
FG

103324

Main Warehouse ST

> 112431 112829

110

728.0000 24.0000

10/3/3 0



Warehouse	Loc Qty	Loc Code	
<b>Location</b>			
OFFSHORE			
FG	4		
103344	4		
Main Warehouse			
ST	724		
111295	0		<del> </del>
112759	25		
112794	199		M/1279
113121	500		

# **Dart Aerospace Ltd**

W/O:			WO	RK ORDER CHANG	ES				
DATE STEP		PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		· · · · · · · · · · · · · · · · · · ·							
Part No		PAR #:							
NCR:	Res	olution:		ER NON-CONFORMA				Date:	
					•	<del>-,</del>		<u> </u>	I
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section  Action Description  Chief Eng	on B Sign & Date	Verific Section		Approval Chief Eng	Approval QC Inspector

### **Picklist Print**

January 5, 2010 9:49:36 AM

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name:

Component Item ID/

saddle kit 642-512

Comments:

Item Name

Replacement Item ID

Mfg/ Purch

Permary Item I cation

Last Location

Route Seq ID Unit of Measure Hand

Remaining Qty Qty To Pick Issued

Start Date: 05/01/2010

Start Qty: 2.00

Date Issued

Required Oty: 2.00

Required Date: 18/01/2010

Status

Page 3

Purchased

No

110

Each

123.0000 16.0000 1

Warehouse	Lo	c Qty	Loc Code	
Location				
OFFSHORE				
FG		4		
104817		4	-	
Main Warehouse				
ST		119		
112489		9		
112805		50		
112933		60		_
	110	Each	100.0000	8.0000

Purchased

No

Warehouse	Loc Qty	Loc Code	
<u>Location</u>			
OFFSHORE			
FG	2		
18918	2		
Main Warehouse			
ST	98		
111925	18		M111925
112489	30		
113121	50		

Dart Aerospace Ltd
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W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	By Date		Approval Chief Eng / Prod Mgr	Approval QC Inspector		
							i		
Part No	<b>):</b>	PAR #: Fault Category:	NCR: Yes	No <b>DQ</b>	A:	Date:			

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section E	3	Verification		Annroyal		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		
v. ii										
								•		
								1		

Status

January 5, 2010 9:49:37 AM

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Component Item I	D/ Repla
Item Name	Item

lacement Mfg/ Purch ID

Purchased



Start Date: 05/01/2010

**Required Date: 18/01/2010** 

Start Qty: 2.00

Required Qty: 2.00

	Priracy Location	Last Location	Route Seq ID	Unit of Measure	- •	Remaining Qty To Pick	Date Issued
No			110	Each	116.0000	8.0000	

ANSCIBA (YY)

Warehouse Location	Loc Qty	Loc Code
OFFSHORE		
FG	2	
18918	2	
Main Warehouse		
ST	114	
107615	1	

Purchased

No

111648

111925

113121

50 110 Each

50

13

116.0000 2.0000



MILASE

Warehouse	Loc Qty	Loc Code	
Location			
Main Warehouse			
ST	116		
109148	16		M109148
111819	100		

January 5, 2010 9:49:37 AM

**Shop Packet Print** 

Page 4

## **Dart Aerospace Ltd**

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W/O:		WORK ORDER CHANGES								
DATE STEP		PR	OCEDURE CHAN	IGE	E	Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				**************************************						'.Fr ,
Part No: PAR #:		PAR #:	Fault Categ	ory:	_ NCR:	Yes 1	lo <b>DQ</b>	A:	_ Date: _	
Resolution:			Disposition:			QA: N/C Closed: Da			Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (	NCR)	)			
DATE	STEP	Description of NC			ion B		Verification		Approval	Approval
DAIL	O.E.	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
						·.·				

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Component Item ID/	Replacement	Mfg/
san Name	Item ID	Purc

Purchased

Purchased

No

No

Start Date: 05/01/2010

**Required Date: 18/01/2010** 

Start Qty: 2.00

Required Qty: 2.00

Remaining Bin Primary Route Unit of Qty on Item Location Seq ID Location

110

Measure Each

Hand

Loc Code

132.0000 4.0000

Qty To Pick

Date Issued

Status

Warehouse Loc Qty Location **OFFSHORE** FG

18918 Main Warehouse

> ST 128 110155 37 111808 41 113164

50 144.0000 4.0000 Each

Loc Qty Loc Code Warehouse

110

Location **OFFSHORE** 

Main Warehouse

FG 18918

ST 110342 111648

112454

142 32 50

2 2

60

M110342

## **Dart Aerospace Ltd**

W/O:			WORK ORDER	CHANGES				ч					
DATE	STEP		P	ROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
										•			
								<u> </u>					
Part No	):		PAR #:	Fault Category:	NC	R: Yes	No DQ	A:	Date: _				
	R	lesolution:		Disposition:	QA	: N/C (	Closed:		Date:				

NCR:		,	WORK ORD	ER NON-CONFORMAN	CE (NCR)							
		Description of NC		Corrective Action Section E	}	Verification	Annessal	Annuaral				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector				
		•										
ı												

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:



Start Date: 05/01/2010

Required Date: 18/01/2010

Start Qty: 2.00

Required Qty: 2.00

Compagent Item ID/
Item Same

Replacement Mfg/ Purch Item ID

Bin Primary Item Location

No

**A** Location

Route Seq ID

110

Unit of Measure Hand

Remaining Qty To Pick

Issued 🏶

M10700/

Date Issued

Status

Purchased

Purchased

Each

116.0000 2.0000

Loc Code

AN960C10L NZY  12 washer
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NDO1149C0332V

Warehouse	Loc Oty			
Location				
Main Warehouse				
ST		116		
107551		16		
108084		50		
108407		50		
	110	Each		



M/1369/ /ce/3/3

Warehouse	Loc Qty	Loc Code	
<b>Location</b>			
OFFSHORE			
FG	100		
103585	100		
Main Warehouse			
ST	316		
112116	156		
112612	160		

W/O:			WORK ORDER	ORK ORDER CHANGES						
DATE	STEP	PRO	OCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
	1	٧						,		
					1					
Part No	<b>.</b>	PAR #:	Fault Category:	NCF	R: Yes	No DQ	A:	Date:	<u></u>	
	Resc	olution:	Disposition:	QA:	N/C C	losed:		Date: _		
NCR:	:	1	WORK ORDER NON-CON	IFORMANCE	(NCF	₹)	····			
DATE	STEP	Description of NC	Corrective Action		0:	Verifi	cation	Approvai	Approval	

NCR:			WORK ORD	ER NON-CONFORMAN	CE (NCR)							
		Description of NC		Corrective Action Section B Verification			Approvai	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector				
								:				
						į						
					a a							

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Compor Item	ID/ R	eplacement	Mfg/
Item Na #2		tem ID	Purc

Bin Primary Item Location | Tast : cation

Route Seq ID

Unit of

Qty on Measure Hand

Remaining Qty To Pick Issued

Start Qty: 2.00

Start Date: 05/01/2010

: Date Issued

Status

Purchased

Purchased

No

110

Each

1,562.000 48.0000

Required Date: 18/01/2010

Required Qty: 2.00

Warehouse	<u>Loc</u>	Qty	Loc Code			
Location						
OFFSHORE						
FG		44				
104925		44				
Main Warehouse						
ST		1518			<del></del>	
111916		2				
112612		616			M/126/2	
112794		500				
112828		400				
	110	Each	193.0000	16.0000		

WASHER

Warehouse Location Main Warehouse

ST

109545 111650 111916 Loc Code

Loc Qty

193

12 23

158

W/O:		WORK ORDER CI	WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
·											
							<i>:</i>				
4											
Part No	,•	PAR #· Fault Catogory:	NCD: Voc	No DO	۸.	Deter					

Part No:		PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:
	Resolution:		Disposition:	OA: N/C Closes	I-	Data

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
5.4==		Description of NC	Corrective Action Section B			Verification	Approval	Approval		
DATE	STEP	Section A Initi	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector		
							E			
	1				1	1	1	1		

Location **OFFSHORE** FG 44 31985 Main Warehouse ST 111 53741 111 Main Warehouse ST40 262 51531 262

<b>Dart Aerospace L</b>	Ltd
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W/O:			WORK ORDER	CHANGES					•
DATE	STEP	PR	OCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
								<b>,,</b>	
Part No	):	PAR #:	Fault Category:	NCR:	Yes	No <b>DQ</b>	A:	_ Date: _	
	Resolution	n:	Disposition:	QA: N	VC C	losed:		Date: _	
			WORK ORRED HOW OOL		<b></b>				

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B			Annuarial			
DATE	STEP Description of NC Section A		Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector		
<del></del>				- Carlo		- 4				

### **Picklist Print**

January 5, 2010 9:49:37 AM

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Start Date: 05/01/2010

Required Date: 18/01/2010

Start Qty: 2.00

Required Qty: 2.00

Componenticem ID/ Item Nam

Item ID

Replacement Mfg/ Purch

Primary Item Location

Las Location

Route Seq ID Unit of Measure Hand

Qty on Remaining

Qty To Pick Issued Date : Issued .

Status

Page 9

Manufactured

110

Each

603.0000 20.0000

Warehouse	Lo	c Oty	Loc Code		
Location					
OFFSHORE					
FG		50			-
29962		50			
Main Warehouse					
ST		553			
16400		20			
43810		11			
47603		6			
48235		16			
50415		500			50416
	110	Each	15.0000	2.0000	_ /

Manufactured

Warehouse	Loc Qty	Loc Code	
Location			
Main Warehouse			
ST	15		
40280	1		
48189	3		48187 48189
50368	6		
53329	5		

Dart Aerospace Ltd	Dart	Aeros	space	Ltd
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W/O:			WORK ORDER	WORK ORDER CHANGES						
DATE	STEP	STEP	EP	PROCEDURE CHANGE		By Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
		i							1:	,
									, .	
Part No	):		PAR #:	Fault Category:	NCR:	: Yes	No <b>DQ</b>	<b>A</b> :	Date: _	
	R	Resolution:		Disposition:	QA: I	N/C C	Closed:		Date:	

Verification Section C	Approval Chief Eng	Approval QC Inspector
	Chief Eng	QC Inspector
0.00		

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Componentation ID/

Comments:

Item Name &

 			-		
Re	ρl	ace	en	er	ıt
Ite	m	m	1		

Mfg/ Purch

Manufactured

Primary Item Location

No

Last Loce on

> 52308 52587

> 53330

Route Seq ID

110

Unit of

Each

Qty on Measure Hand

2.0000

22.0000

Remaining Qty To Pick

Start Date: 05/01/2010 Start Qty: 2.00

Issued

Date Status \*Issued

Required Date: 18/01/2010

Required Qty: 2.00

D2933-2 X

\_Saddie RH In, 206

Warehouse	Loc Qty	Loc Code	
Location			
Main Wasehouse			
ST	22		
45321	1		
50377	2		یک

Saddle Spacer

Manufactured

No

110

5 Each

60.0000 4.0000



le 14/3/3 (2)

Warehouse	Loc Qtv	Loc Code	
Location			
OFFSHORE			
FG	6		
31929	6		4-4-4-4-4-4
Main Warehouse			
ST55	54		• · · · · · · · · · · · · · · · · · · ·
50376	54		50.376

<b>Dart</b>	<b>Aeros</b>	pace	Ltd
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W/O:				WORK ORDER	CHANGES					
DATE	STEP		PR	OCEDURE CHANGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		•							.,.	,
Part No	):		PAR #:	Fault Category:	NCR:	Yes N	lo <b>DQ</b> /	A:	Date: _	
	R	Resolution:		Disposition:	QA: N	/C Clo	sed:	·	Date: _	
		T		WORK ORDER MON-COM	IEODMANCE (I	VICB)				

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC	Corrective Action Section B			Verification	Annuaval	A	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector	

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name:

saddle kit 642-512

Comments:

Componentation ID/ Item Name Item ID

Replacement

Mfg/ Purch

Manufactured

Manufactured

Bin Primary Item Location

No

No

Last Location

Route Seq ID

110

Unit of Measure

Loc Oty

Each

Qty on Hand

75.0000

Loc Code

Remaining Qty To Pick

Start Qty: 2.00

4.0000

Start Date: 05/01/2010

Issued

Date

Required Date: 18/01/2010

Required Qty: 2.00

Status ssued

D2935 A 9

Saddle Spacer

Warehouse Location **OFFSHORE** FG

> 31793 Main Warehouse

ST

50211

110

11.0000

2.0000

/c/3/3(2)

D2938-2

Warehouse Loc Qty Loc Code Location Main Warehouse SŦ

41131

50245 53332 11

69

69

Each

5 5

5021/

Dart Aerospace Ltd	
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W/O:

W/O: WORK ORDER CHANGES								
DATE	STEP	PRO	CEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Category:	NCR: Yes	No <b>DQ</b>	A:	 Date:	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC	of NC Corrective Action Section B		Verification	Annacial	Annua : - a l			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		
							:			
						A A				
				,						

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Componentitem ID/ Item Name Item ID

Replacement

Mfg/ Purch

Manufactured

Manufactured

Primary Item Location

No

La Lowion

110

Route Unit of Measure Seq ID

Loc Qty

Each

Qty on Haud

13.0000

Loc Code

41.0000

Remaining Qty To Pick Issued

2.0000

Start Qty: 2.00

Start Date: 05/01/2010

Date ssued

Required Qty: 2.00

Required Date: 18/01/2010

Status

Saddle RH In, 206

Warehouse Location

Main Warehouse

ST 52658

53334

110

5 Each

13

8

4.0000

52658

D3396-3 24

Spacer

Warehouse	Loc Qtv	Loc Code	
Location			
OFFSHORE			
FG	10		
26772	10		
Main Warehouse			
ST	31		
48196	31		48196

Dart	Aer	ospac	e Ltd
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W/O: WORK ORDER CHANGES  DATE STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr QC Inspection of the control of the contr										
W/O:	_			WORK ORDER (	CHANGES					•
DATE	STEP		PR	OCEDURE CHANGE		Ву	Date	Qty	Chief Eng /	Approval QC Inspector
		* 3.5								
									•	,
										,.
Part No	:		PAR #:	Fault Category:	NCR	l: Yes	No <b>DQ</b>	A:	_ Date: _	
	R	PAR #:         Fault Category:         NCR: Yes No DQA:         Date:           Resolution:         Disposition:         QA: N/C Closed:         Date:			17 (17 <del>10.5 mallar</del> )					

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC Corrective Action Section B			Verification	Ammuousi	A		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto	
						i			
							<u> </u>		
· · · · · · · · · · · · · · · · · · ·									

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Item Nar

Componsatitem ID/ Replacement Mfg/ Item ID

Bin Primary Item Location Lo: tion

Route Seq ID

Loc Qty

45

9

20

16

20 20

Each

110

Unit of Measure

Each

Qty on Hand

65.0000

Loc Code

Remaining Oty To Pick Issued

Start Qty: 2.00

2.0000

Start Date: 05/01/2010

= Date Issued

Required Qty: 2.00

Required Date: 18/01/2010

Status

D3407-043 1A

12 Tow Ring

Manufactured

Manufactured

No

Purch

Warehouse Location

Main Warehouse ST 48249

50176 53351 Main Warehouse

ST464

50387

110

186.0000 2.0000

D3456-1 19)

Warehouse Location

Loc Qty

Loc Code

Main Warehouse

ST

54692

186 186

Dart	<b>Aeros</b>	pace	Ltd
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W/O: WORK ORDE			CHANGES				
DATE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
				:			
				:	:		
						<u> </u>	
- · · · ·	·			<u> </u>	L		

Part No: PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
Resolution:	Disposition:	QA: N/C Closed:	Date:

NCR:	ICR: WORK ORDER NON-CONFORMANCE (NCR)							
DATE STEP		Description of NC	Corrective Action Section B		Verification Approval			
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto
· · · · · · · · · · · · · · · · · · ·								
					12.00			
	:							

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Component item ID/

Item ID

Comments:

Item Nara

Replacement Mfg/ Purch

Bin Primary Item Location Laste". Lugation Route Seq ID

110

110

Unit of Measure

Each

Loc Oty

10

10

109

49

Loc Qtv

1244

19 5

220

1000

500

500

Remaining Hand Qty To Pick

119.0000 4.0000

Loc Code

Issued

Start Date: 05/01/2010

Start Qty: 2.00

Date
Issued

Required Date: 18/01/2010

Required Qty: 2.00

Status

Manufactured

Manufactured

Warehouse

Location **OFFSHORE** 

FG32409

Main Warehouse

ST 45913

52981

60 Each 1,744.000 48.0000

Cu/3/3 (2)

Warehouse Location Mzin Warehouse ST 42329

39275

47628 52505 Main Warehouse

> **ST117** 51674

Loc Code

Dart Aerospa	ce Ltd
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
Part No	:	PAR #: Fault Category:	<b>NCR:</b> Ye	s No DC	A:	Date: _	

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_\_

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B	}	Verification	A	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
								1
							·	
		,						
	1							ŀ

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:



Start Date: 05/01/2010

Required Date: 18/01/2010

Start Qty: 2.00

Required Qty: 2.00

Com	pe 🚈	Item	ID/
ltem	N₂∰ e		

Replacement Mfg/ Item ID

Purch

Manufactured

Primary Item Location 1.75 Lacation

Route Seq ID Unit of Measure Hand

Qty on

Loc Code

Remaining Qty To Pick Issued

Date Issued

Status

Warehouse

51596

110

Each

252.0000 48.0000

 _

	<del></del>	
<b>Location</b>		
Main Warehouse		
ST	8	
34471	8	
Main Warehouse		
ST117	244	

Loc Oty

(D3672-7 7 7 Y

Manufactured

110

244 Each

901.0000 48.0000

Loc Qty	Loc Code	
901		
15		
886		5323
	901 15	901

## 

Part No:		_ PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
	Resolution:		Disposition:	QA: N/C Closed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
		Description of NC		Corrective Action Section B		Verification	Varification Annual	
DATE S	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
					į			

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Composer Item ID/ Item Name	Replacement Item ID	Mfg/ Purch
MS21043+3 . 260		Purchased

Primery

Item Location

No

Masi.

Start Date: 05/01/2010

Qty To Pick Issued

Required Date: 18/01/2010 Required Qty: 2.00

Issued

Start Qty: 2.00 Remaining

Date

Status

4,542.000 40.0000

Warehouse	Loc (	<u>Otv</u>	Loc Code		
Location					
OFFSHORE					
FG		80		_	
103691		80			**
Main Warehouse					
ST	4	1462		-	
111819		70			
112243		29			
112314	4	1363			MIL
)	110	Each	646.0000	26.0000	-

Unit of

Each

Measure

Hand

Route

Seq ID

110

MS21043-4-13 X

Purchased

No

Warehouse	Loc Qty	Loc Code	
<b>Location</b>			
OFFSHORE			
FG	40		
104603	40		
Main Warehouse			
ST	606		454444444 4 AMA WATER AND
112243	2		
112314	103		
112492	47		
113064	454		M1/3069

<b>Dart Aerospace Ltd</b>	
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W/O:		WORK ORDER CH	IANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #: Fault Category:	NCR: Yes	No <b>DQ</b>	A:	Date: _	

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
		Description of NC		Corrective Action Section B		Verification		Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector

### **Picklist Print**

January 5, 2010 9:49:37 AM

Work Order ID: 54926

Parent Item:

K642-512

Parent Item Name: saddle kit 642-512

Comments:

Replacement Mfg/ Companie Item ID/ Item Name Item ID

Purch

Bin Primary Item Location

1351 L®cation

Route Seq ID

Unit of

Each

Qty on Measure Hand

Remaining Qty To Pick Issued

Start Qty: 2.00

Start Date: 05/01/2010

Date Issued

Required Qty: 2.00

Required Date: 18/01/2010

Status

Page 17

CMS21043-5 UV S Nut

Purchased

110

684.0000 8.0000

Warehouse	Loc Qty	Loc Code	
<b>Location</b>			
Main Warehouse			
ST	684		
110180	7		9
111819	177		M111817
112314	500		

Dart	Aer	ospa	ace l	_td
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W/O:			WORK ORDER	CHANGES				
DATE S	STEP		PROCEDURE CHANGE	Ву	By Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		,						
	-	·	·			<u> </u>		
								į
Part No	):	PAR #	: Fault Category:	NCR: Ye	s No DQ	A:	Date:	
	R	lesolution:	Disposition:	QA: N/C	Closed:		Date: _	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	Verification	Approval	Ammerial					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector				
V- 3-1-11												

## DART SERVICE INSTRUCTION

RETURN TO **ENGINEERING UNCONTROLLED COPY** SUBJECT TO AMENDMENT

TO AMEND INSTALLATION INSTRUCTIONS D206-642 REV. M AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-642 REV. 2

WITHOUT NOTICE WORK ORDER NO. 5 4926

REF. CANADIAN STC: SH98-4 REF. FAA STC: \$A00475SE

REF. EASA STC: EASA.IM.R.S.01320

FOR THE D206-642-511/-512/513/-514/-611/-612/-613/-614 SKIDTUBE INSTALLATIONS, ACHIEVING THE REQUIRED 1,5-2 THREADS IN SAFETY MAY BE IMPOSSIBLE WHEN FASTENING AN3C41A BOLTS THROUGH THE SADDLES.

FOR THE D208-642-511/-512/513/-514/-611/-612/-613/-614 SKIDTUBE INSTALLATIONS, THE QTY(16) D3672-5 WASHERS ARE REPLACED WITH THINNER D3672-7 WASHERS. THE PARTS LISTS ARE UPDATED AS INDICATED SELOW:

4.7 206L/L-1/L-3/L-4/407 HIGH GEAR FLOAT SKIDTUBES, TRI-BAG COMPATIBLE (D206-642) 32.17 206L/L-1/L-3/L-4/407 HIGH GEAR FLOAT SKIDTUBES, TRI-BAG COMPATIBLE (ICA-D206-642)

ITEM		QTY -512		QTY -013	PART NUMBER	DESCRIPTION
	X	1			D206-642-511	SKIDTUBE INSTALLATION, LH
·		X			D206-642-512	SKIDTUBE INSTALLATION, RH
				 	l	Ly
IS:		,,,,,,,,		 	····	
128	16	16			D3672-7	WASHER
WAS	!					
12B	16	16			D3672-5	WASHER
· .	L	<u> </u>	لنوث	L	L . ;	

4.8 206L/L-1/L-3/L-4/407 HIGH GEAR FLOAT SKIDTUBES, OEM/PMA BAG COMPATIBLE (D206-642) 32.18 206L/L-1/L-3/L-4/407 HIGH GEAR FLOAT SKIDTUBES, OEM/PMA BAG COMPATIBLE (ICA-D206-642)

ITEM	QTY	QTY	aty	QTY	QTY	PART NUMBER	DESCRIPTION
	-513	-514	-546	-547	-013		
Section 1	X					D206-642-511	SKIDTUBE INSTALLATION, LH
		X				D206-642-512	SKIDTUBE INSTALLATION, RH
18:							1
128	16	16				D3672-7	WASHER
		L				L	<u></u>
WAS	:						
128	16	16				D3672-5	WASHER

Α	NEW ISS	UE		CP	09.06.17		
REV.			DESCRIPTION	DATE			
DESIGN		СР	DART AEROSP	ACE US	A. INC		
DRAWN OP		QP.	PORT HADLOCK, WA				
CHECKE	CHECKED		DRAWING NO.		REV. A		
MFG. AF	MFG. APPR. N/A		DSI 9467	:	SHEET 1 OF 2		
APPRO\	/ED ¿	W.	TITLE		SCALE		
DE APPR.		_#_	WASHER CHANGE		NTS		
DATE	09.06	.17	COPYRIGHT © 2009 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONTIDENTIAL AND IS SUPPLIED ON THE EXPRISES CONDITION THAT IT IS NOT TO BE USED FOR MY PUMPING ON FOR COMMUNICATED TO MY OTHER PERMICH WITHOUT WITHTHE PREMISERS IN FROM CARE FAREPASKE USA.				

<b>Dart Aerospace Ltd</b>	<b>Dart</b>	Aero	spa	ce	Ltd	
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W/O:		WORK ORDER CHANGES									
DATE	STEP		PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
		,									
		·									
		in the second se									

Part No: PAR #:	Fault Category:	_ NCR: Yes No DQA:	Date:
Resolution:	Disposition:	QA: N/C Closed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
DATE	OTED	Description of NC		Corrective Action Section B	Verification	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		
					1					

## 4.9 206A/B HIGH GEAR FLOAT SKIDTUBES, TRI-BAG COMPATIBLE (D206-642) 32.19 206A/B HIGH GEAR FLOAT SKIDTUBES, TRI-BAG COMPATIBLE (ICA-D206-642)

ITEM	***	QTY	QTY	QTY	QTY -641		PART NUMBER	DESCRIPTION
Marris de la Compansión de	-611 X	-612	·013	614	*941	-chitch	D206-642-611	SKIDTUBE INSTALLATION, LH
-		X					D206-642-612	SKIDTUBE INSTALLATION, INH
			X			-	D206-642-613	SKIDTUBE INSTALLATION, LH, THRU BOLT
				X			D205-842-614	SKIDTUBE INSTALLATION, RH, THRU BOLT
is:								
128	16	16	16	16		-	D3672-7	WASHER
WAS	;	L						
12B	16	16	16	16			D3672-5	WASHER

DART AEROSPACE USA, INC DESIGN PORT HADLOCK, WA DRAWN CHECKED DRAWING NO. REV. A **DSI 9467** SHEET 2 OF 2 MFG. APPR. APPROVED TITLE SCALE DE APPR. WASHER CHANGE COPYRIGHT © 2009 BY DART AEROSPACE USA, INC
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NOT TO BE USED FOR ANY PURPOSE OR COMED OR COMMANICATED TO ANY OTHER PERSON WITHOUT
WRITTER PERSONS NOW PROM DART AEROSPACE USA, MC. DATE 09.06.17

Dart Aerospace Ltd	Dart	Aero	space	Ltd
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W/O:		WORK ORDER CHANGES	DER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
					٠.					
					,					

Part No:		PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
	Resolution:		Disposition:	QA: N/C Closed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	Verification	Ammuoval	A=====1			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		

**D206-642** Page 25 of 34

#### 4.7 206L/L-1/L-3/L-4/407 HIGH GEAR FLOAT SKIDTUBES (TRI-BAG COMPATIBLE)

item	Qty -511	Oty - 512	Qty -541	Qty -547	Qty -013	Part Number	Description
	Х					D206-642-511	SKIDTUBE INSTALLATION, LH
		X				D206-642-512	SKIDTUBE INSTALLATION, RH
	1	1	х			D206-642-541	SKIDTUBE
				Х		D206-642-547	WEARSHOE KIT (REPLACES -543 KIT)
	1	1			Х	D206-648-013 7	GROUND HANDLING KIT
1			_ 1			D3274-041	SKIDTUBE ASSEMBLY
3			1			D2646	* AFT CAP (1)
4		<b>———</b>	2			AN3C4A	* BOLT (1)
5A			2			AN960C10L	* WASHER (1)
5B		<b> </b>	2			D3672-1	* WASHER (REPLACES NAS1515H3L) (1)
	1					D0000 4	SADDLE, FWD OUT, LH
6	To a part of the				7	D2932-1 D2932-2 🐬	SADDLE, FWD OUT, EH
7	1	1		17.7			
<del></del>	1	<i>A</i> . 1				D2933-1	SADDLE, FWD IN, LH
		C-1	(A)			D2933-2 🗫	SADDLE, FWD IN, RH
8	1 1 7			20.50		D2938-1	SADDLE, AFT OUT, LH
. 8		<u>5</u> 1		<u> </u>		D2938-2 🛷	SADDLE, AFT OUT, RH
9	1				<del></del>	D2939-1	SADDLE, AFT IN, LH
9	87	8	1 100 8 180 150	د معدیجهان	<del> </del>	D2939-2 57	SADDLE, AFT IN, RH
10	- 27					AN3C41A	BOLT
.11 .	16	€ 16				D2652 */	BUSHING
12A	8	8				MS21043-3-2	NUT
.12B	16	<b>V</b> 16				D3672-7	WASHER (REPLACES NAS1515H5)
. 13	.4	مع م		,	,	ANSCHIA	*BOLT (2)
14	4	LA				AN5CIJA >	* BOLT (2)
		وسير				(or ANSC13A)	
.15A	. 8 .	<b>7</b> -8 -		t		AN960C516L	WASHER
15B	8	<i>g</i> −8-		7.		D3672-7 >	WASHER (REPLACES NAS1515H5L)
16	. 12	712	-	<u></u>		+-AN4G6A -■	BOLT
.1.7A	24	/ 24				_D3672-3 *	WASHER (REPLACES NAS1515H4L)
17B	. 24 .	6.24			ari.	AN960C416L	WASHER
18	12	12				- MS21043-4 A	NUT
20A			9	- 9		D3537-1	* WEARPAD (1) (REPLACES D2648-3)
21A			1	1		D3537-3	* WEARPAD (1) (REPLACES D3429-1)
22A			1	1		D3535-15	* WEARSHOE (1) (REPLACES D2656-15)
22B			1	1		D3536-15	* GASKET (1)
23A			1	1		D3535-23	* WEARSHOE (1) (REPLACES D2656-23)
23B		i	1	1		D3536-23	* GASKET (1)
24A	4		1	,1.		D3535-39	* WEARSHOE (1) (REPLACES D3287-1)
24B		t	1	1		D3536-39	* GASKET (1)
25A	سديهية	t	1	1		D3535-35	* WEARSHOE (1) (REPLACES D2656-35)
25B		<u> </u>	1	1		D3536-35	* GASKET (1)
26A			78	78		AN3C4A	* BOLT (1)
26B			78	78	<u>-</u>	AN960C10L	* WASHER (1)
26C			78	• .		ALS7-1032-130	* INSERT (1)
							(or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	. 1	4	ه سنده			D3407-043	TOW RING
32A	1	- 1	<u> </u>			D3456-1 ¿	WASHER
32B	. 2	2				D3457-1 a-	WASHER
33	1	1				MS21043-47	NUT
34			1			AN4C5A	BOLT
35		[	1			AN960C416	WASHER
36			1			D3413-1	RING
27	10	6 40		-		,D2712	CET CODEW
37	10	€ 10				D2712 ,	SET SCREW
38	2	<u> 2</u>	الك المعينة ولا الوالة	2	· · · · · · · · · · · · · · · · · · ·	D2934	SADDLE SPACER
39	2	2	L	1.0	L	D2935	SADDLE SPACER

continued on next page...

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Revision:

N

Date: 09.09.09

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE					Date Q	Qty	Approval Chief Eng / Prod Mgr				
Part No:		PAR #:	Fault Categ	jory:	NCR:	Yes N	o <b>DQ</b>						
Resolution:			Disposition: QA: N/C Closed:						Date:				
NCR:			WORK ORDE	R NON-CONFORM	ANCE (	NCR)							
DATE	STEP	Description of NC	Corrective Action Section Initial Action Description			Verifica				Approval			
		Section A	Chief Eng	Action Description Chief Eng	'	Date	Secti	on C	Chief Eng	QC Inspector			
		•											
					*								
						• • -							

## REFERENCE ONLY

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DART AEROSPACE USA, INC.

D206-642

Page 26 of 34

continued from previous page...

ITEM	QTY -511	QTY -512	QTY -541	QTY -547	QTY -013	PART NUMBER	DESCRIPTION
40					2	D3414-041	LUG ASSEMBLY (GHW)
41				·	4	AN3C37A	BOLT
42			1		8	D2652	BUSHING
43	ĺ				4	MS21043-3	NUT
44					4	AN960C10	WASHER
50	9	/ 99				WAN3C36A	BOLT
51	3	<b>C_3</b>	. Symile	i that is		AN3G35A.	BOLT
52	24	a 24-		1-		_AN960C10L	WASHER
53	24	24 سے	2	1.30		D3672-1 🖘	WASHER (REPLACES NAS1515H3L)
54	12	/ 12	[	Ì÷		MS21043-3 ×	NUT
55	2	C 2.				D3396-3	SPACER
56A .	.1.	<u></u>		0		AN5C35A =/	BOLT
56B	~*1	C (1		4.24	4	AN5015A - 2	BOLT
60	2	2			- Annual of the state of	AN5C32A	BOLT
61	2	C 2				AN5C34A	BOLT
62	4	( 4				MS21043-5	NUT

NOTES: (1) DENOTES THAT PART IS INCLUDED WITH D3274-041 ASSEMBLY ABOVE
(2) CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

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Revision:

N

Date: 09.09.09

Dart Aer	ospace	Ltd
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W/O:		WORK ORDER CHANGES										
DATE	STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
Part No:		PAR #:	Fault Cate	gory:	_ NCR: Yes I	No DQA						
	R	esolution:	Dispositio	_ QA: N/C Clo	A: N/C Closed: Date:							
NCR:		,	WORK ORD	ER NON-CONFORM	ANCE (NCR	) ,						
DATE	STEP	Description of NC Section A	Corrective Action Section B Initial Action Description			Verification App			Approval			
			Chief Eng	Action Description Chief Eng	Sign & Date	Section C		Chief Eng	QC Inspector			
									34			
-												
		2										